FIG. 1

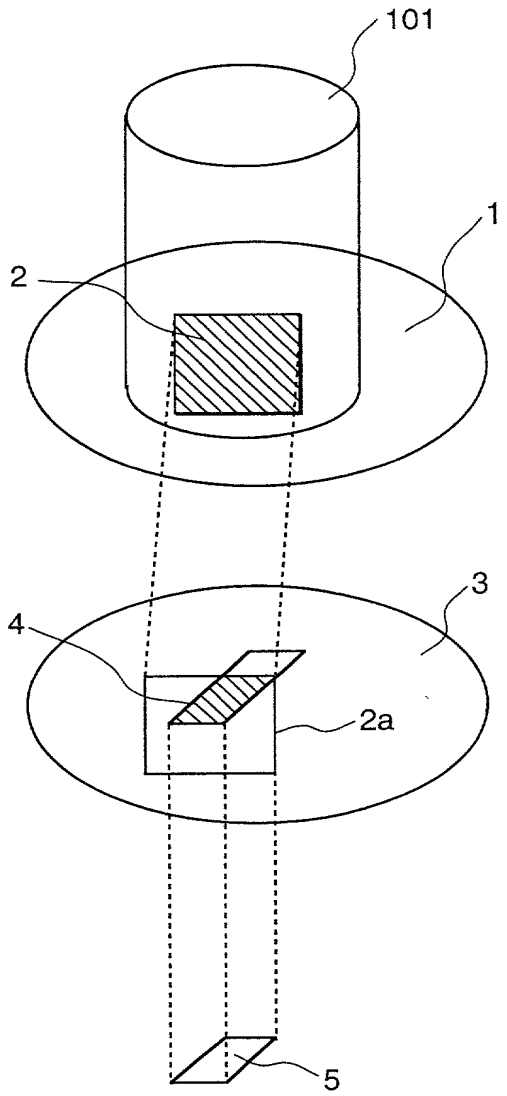


FIG. 2

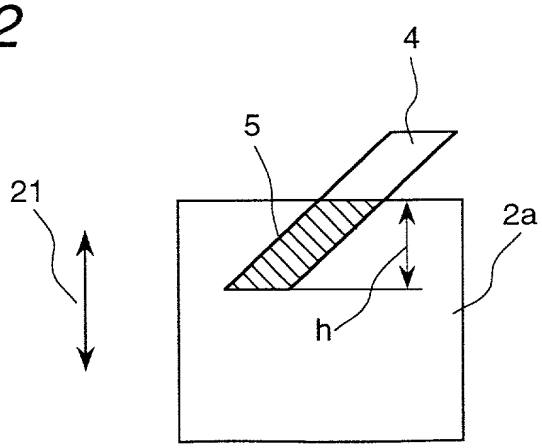


FIG. 3(a)

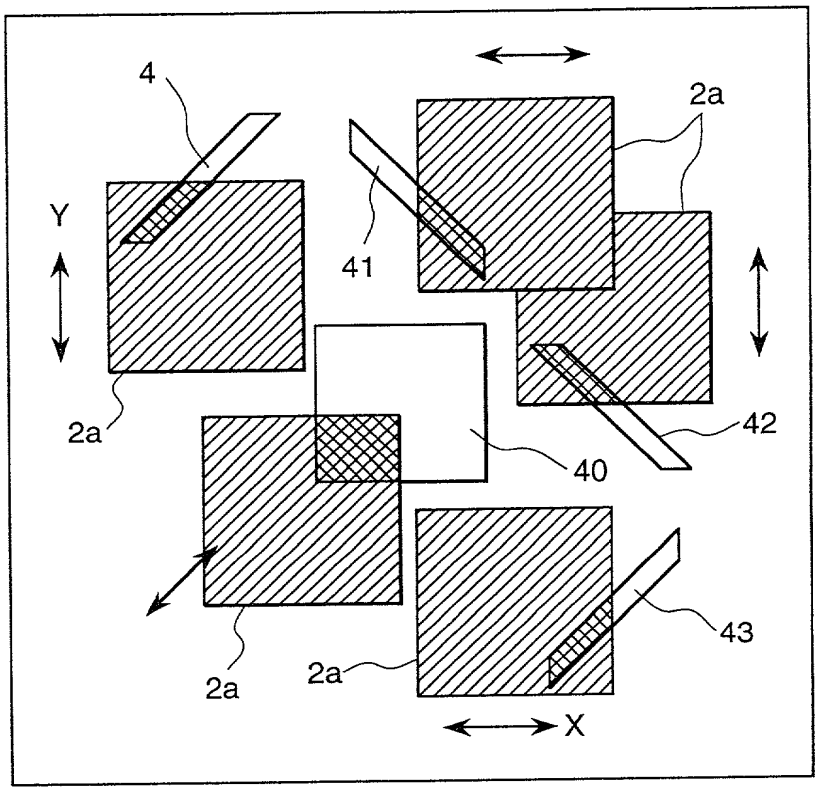


FIG. 3(b)

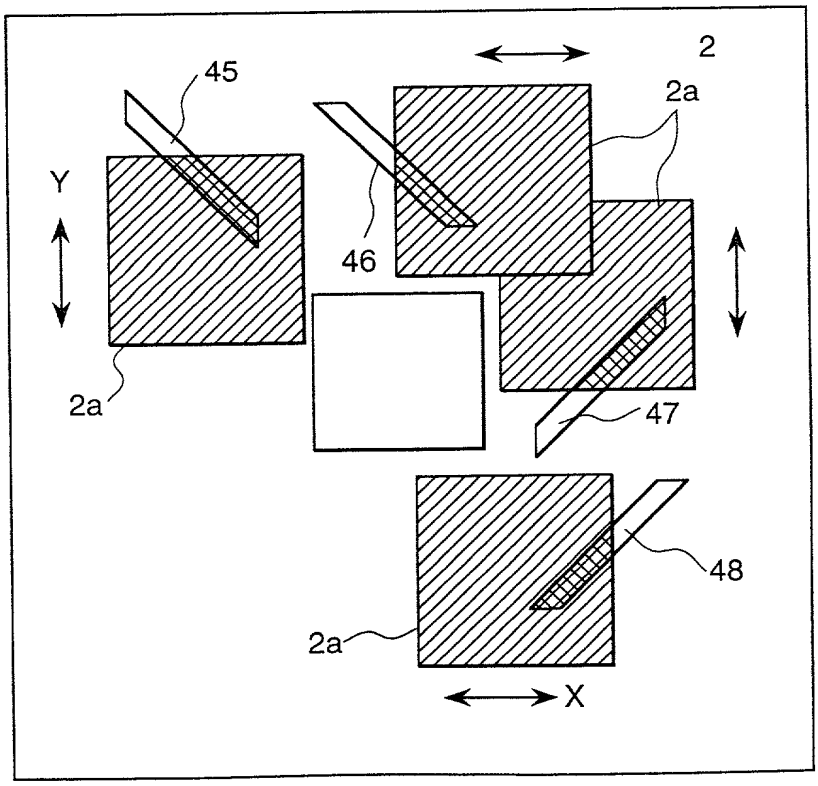


FIG. 4

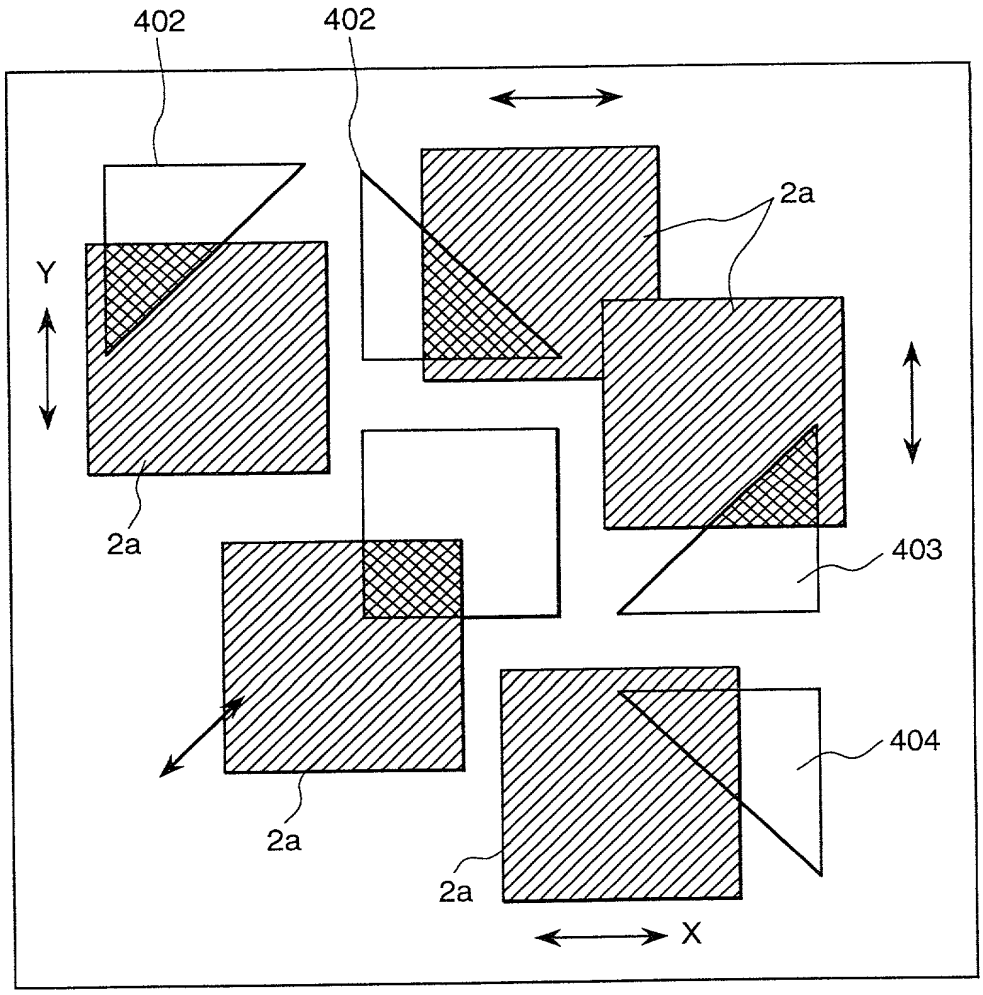


FIG. 5

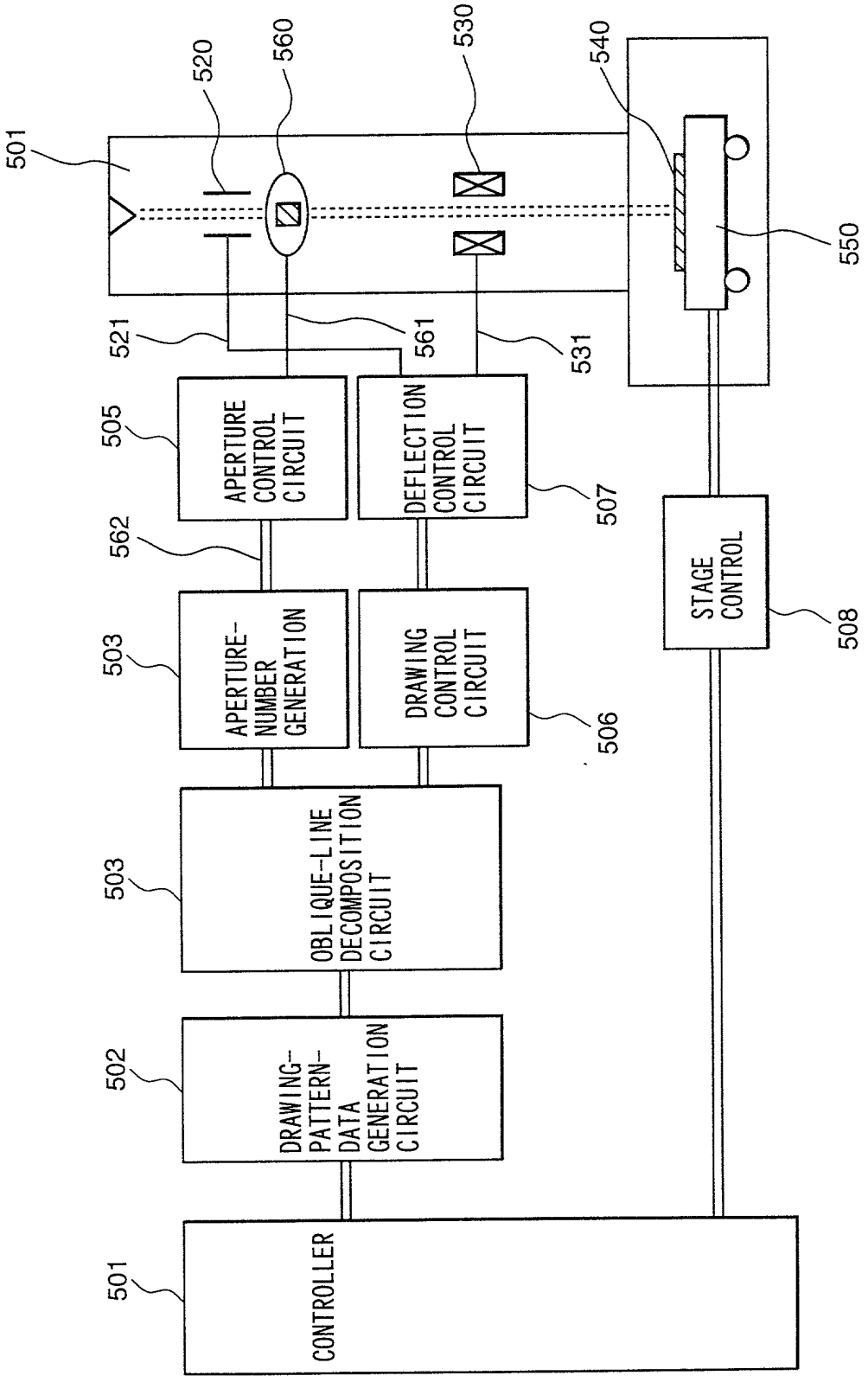

501
520
560
530
540
550
521
561
531
505
APERTURE CONTROL CIRCUIT
DEFLECTION CONTROL CIRCUIT
507
562
503
APERTURE-NUMBER GENERATION
DRAWING CONTROL CIRCUIT
506
STAGE CONTROL
508
503
OBLIQUE-LINE DECOMPOSITION CIRCUIT
502
DRAWING-PATTERN-DATA GENERATION CIRCUIT
501
CONTROLLER

FIG. 6

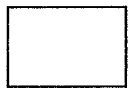
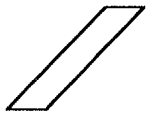
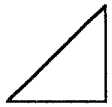
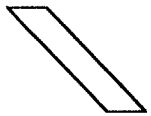
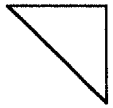
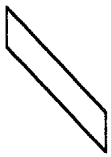
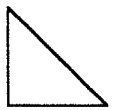
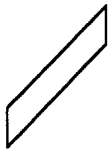
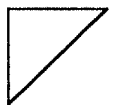
FIGURE		FIGURE CODE	FIGURE		FIGURE CODE
RECTANGLE		A-0			
PARALLELOGRAM 1		B-1	TRIANGLE 1		C-1
PARALLELOGRAM 2		B-2	TRIANGLE 2		C-2
PARALLELOGRAM 3		B-3	TRIANGLE 3		C-3
PARALLELOGRAM 4		B-4	TRIANGLE 4		C-4

FIG. 7(a)

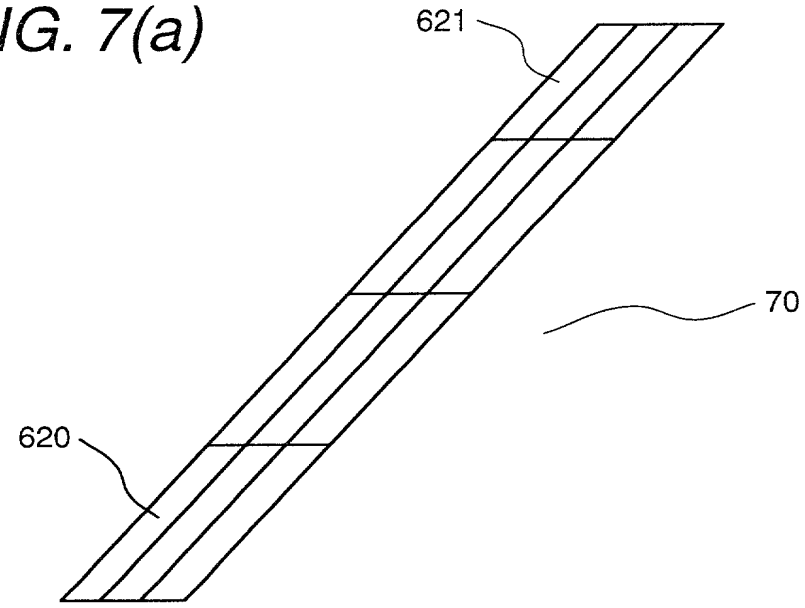


FIG. 7(b)

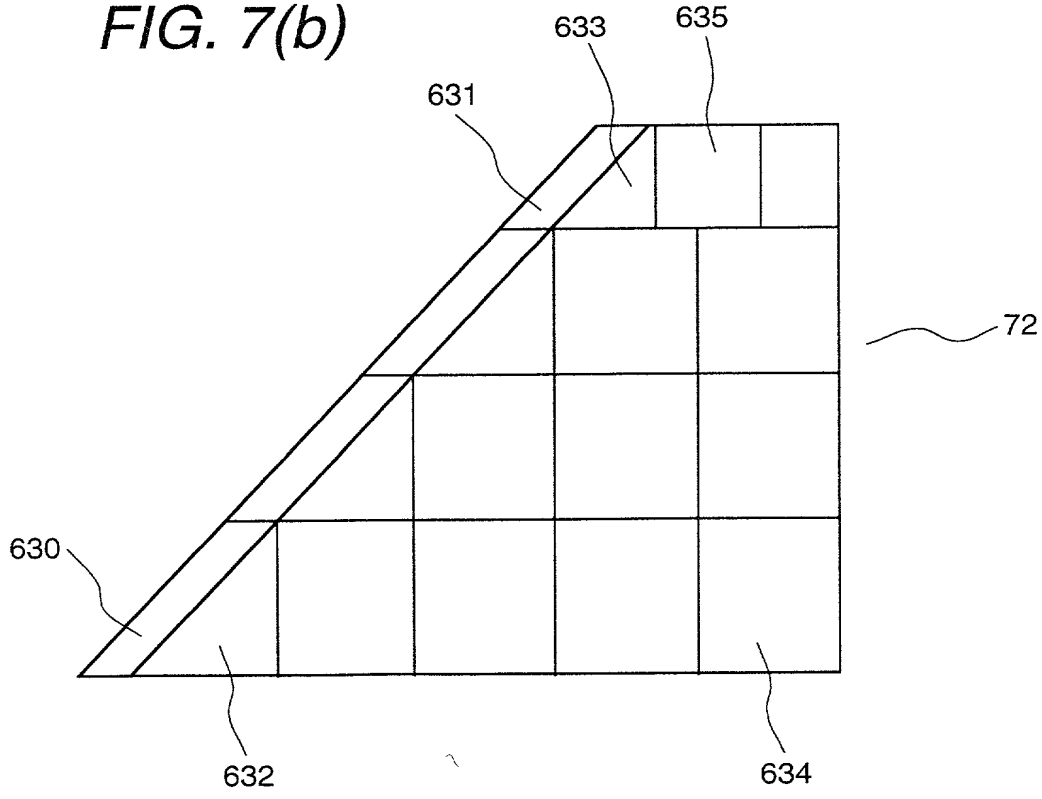


FIG. 8(a)

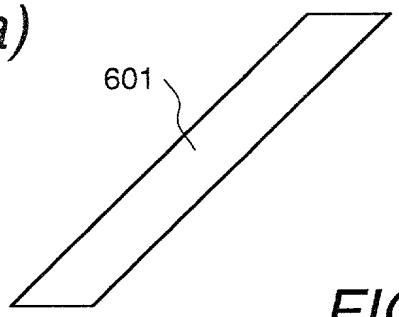


FIG. 8(b)

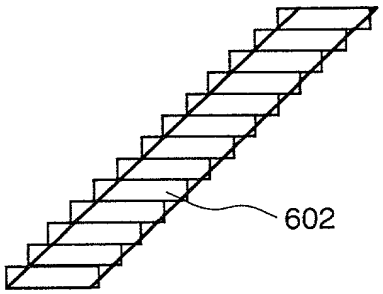


FIG. 8(c)

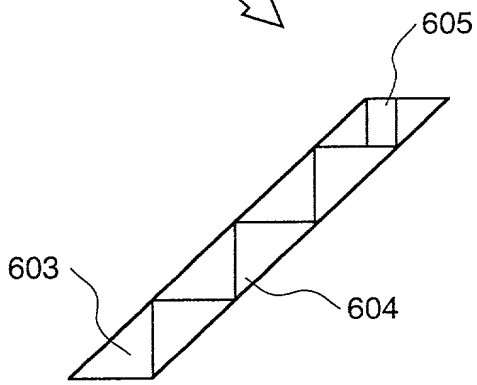


FIG. 8(d)

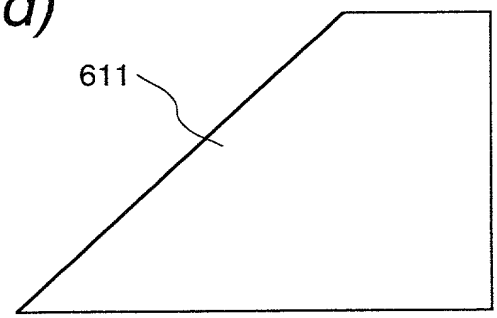


FIG. 8(e)

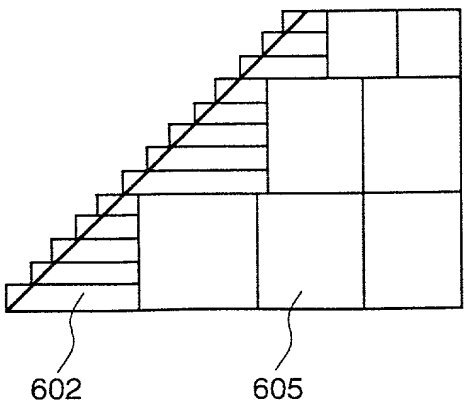


FIG. 8(f)

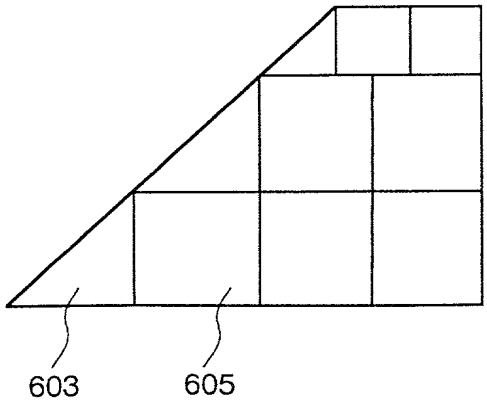


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FIG. 9(a)

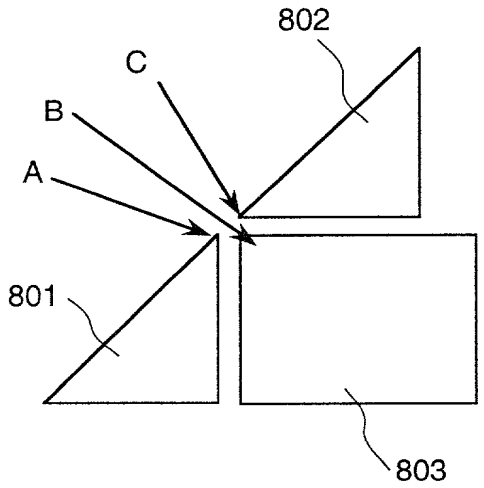

FIG. 9(b)

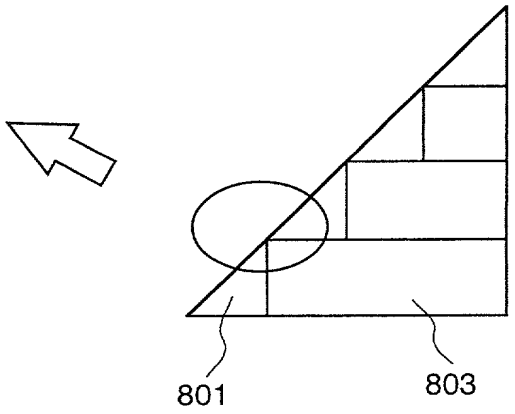

FIG. 9(c)

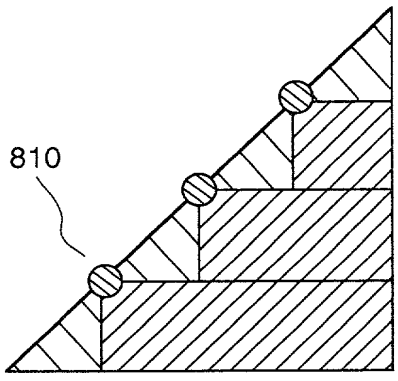

FIG. 9(d)

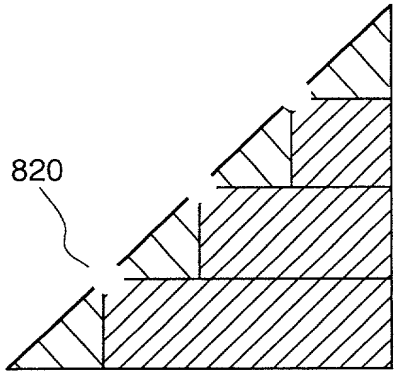

FIG. 10(a)

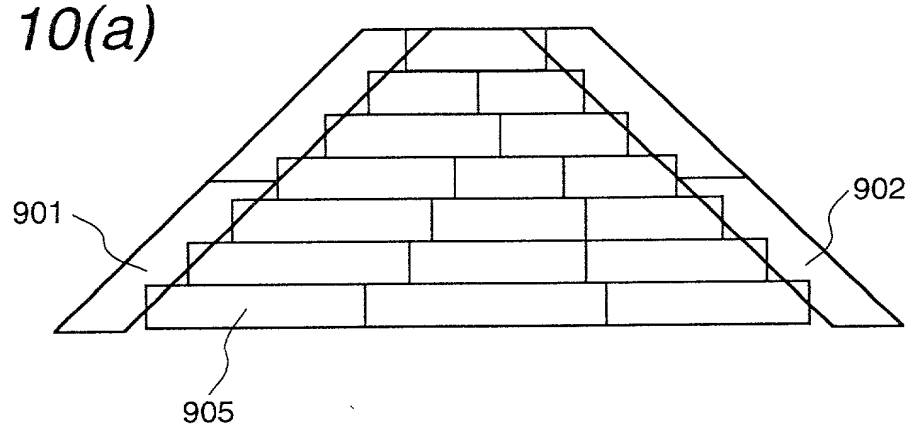

FIG. 10(b)

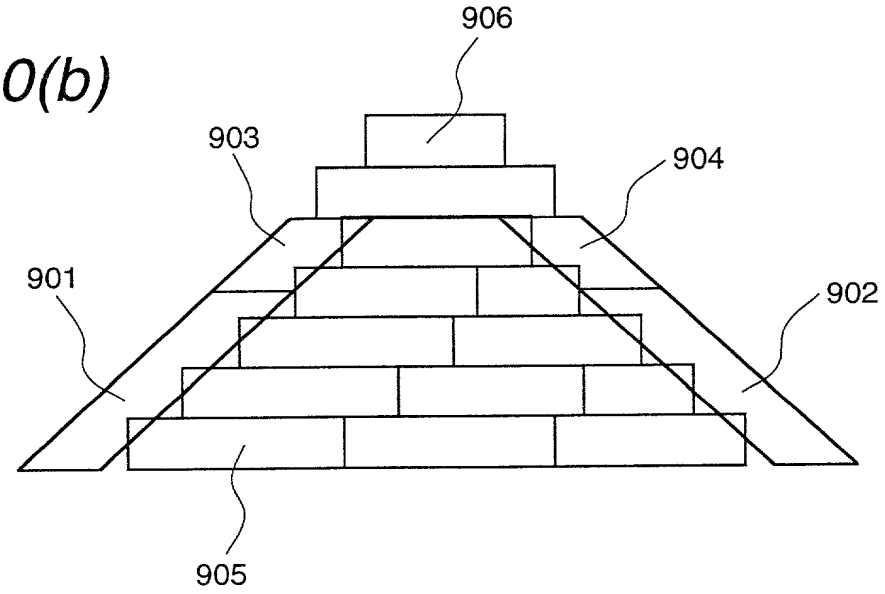

FIG. 10(c)

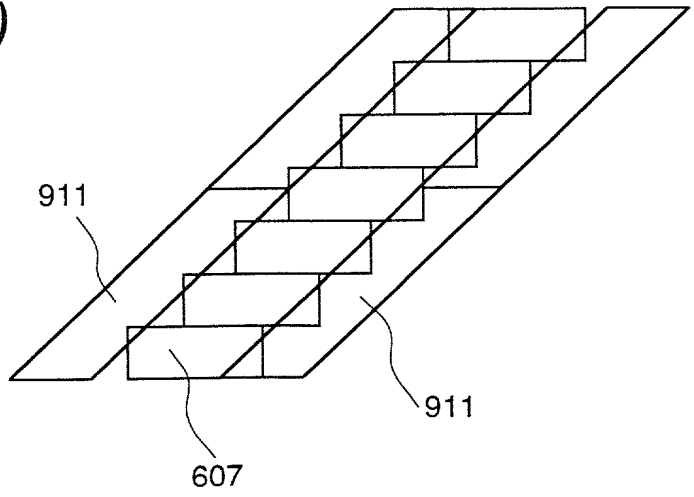

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FIG. 11

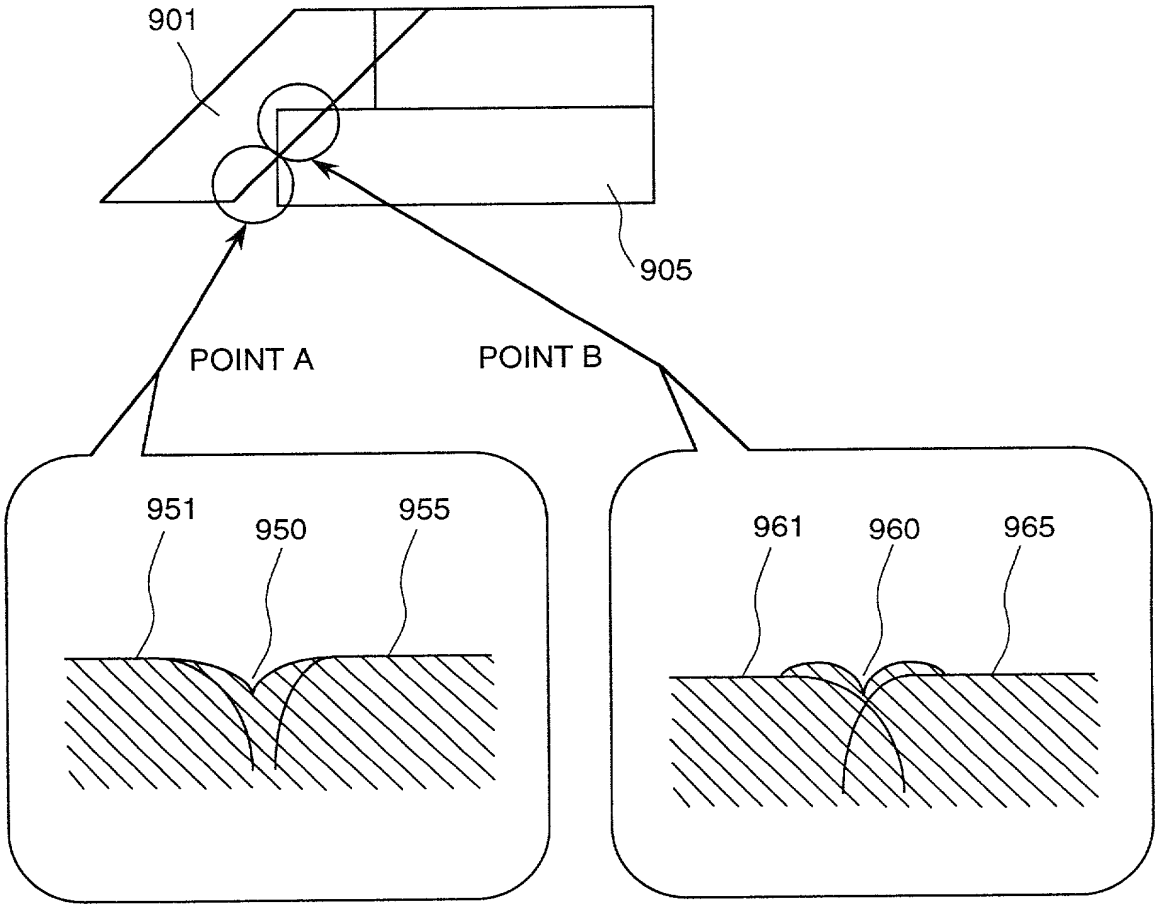


FIG. 12

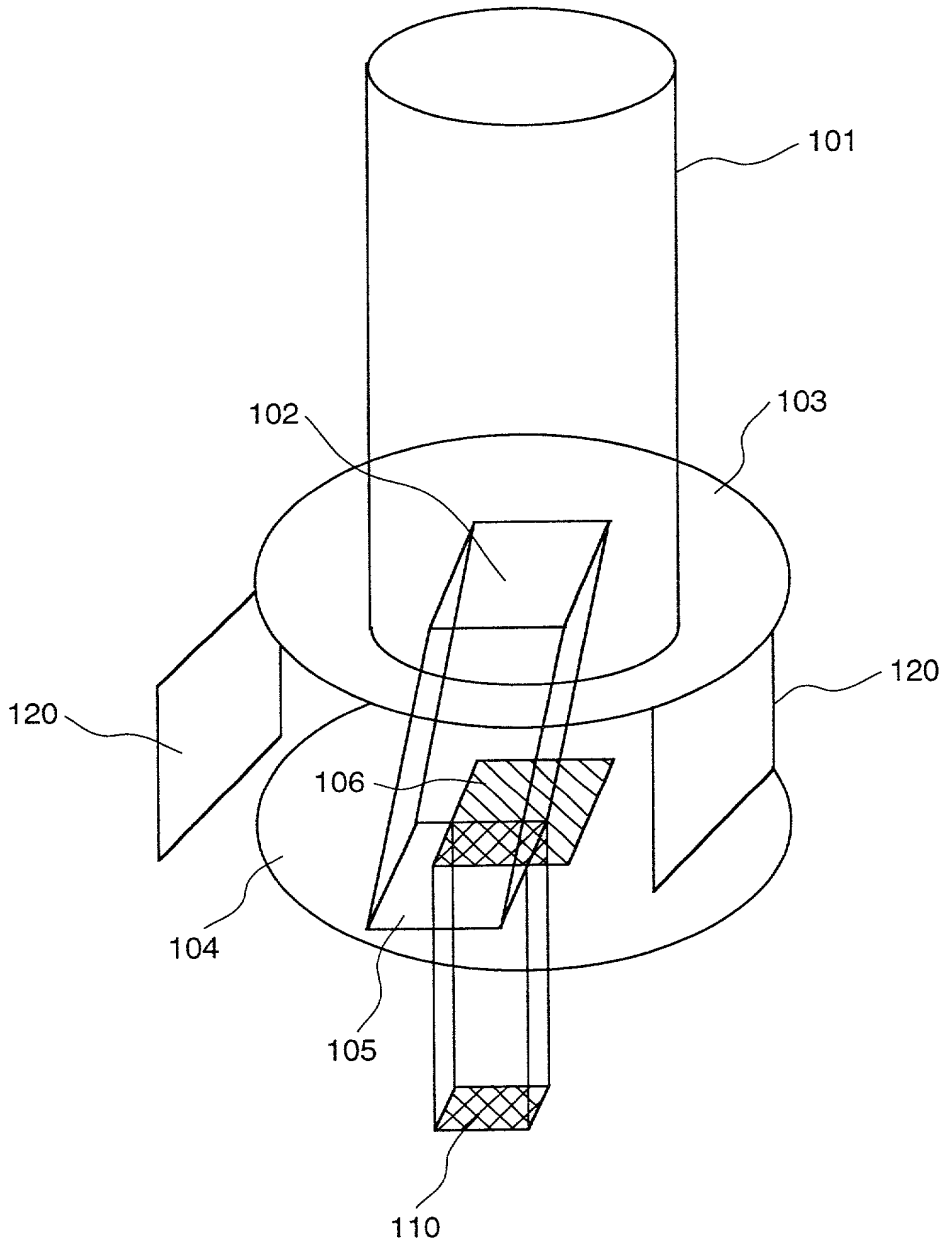


FIG. 13(a)

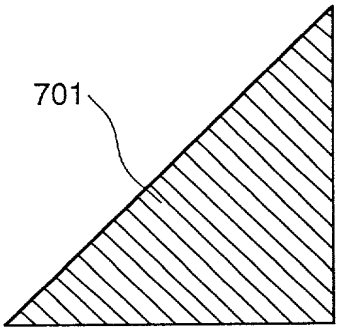


FIG. 13(b)

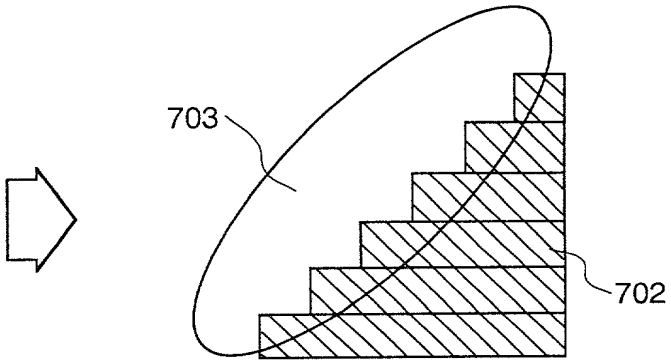


FIG. 13(c)

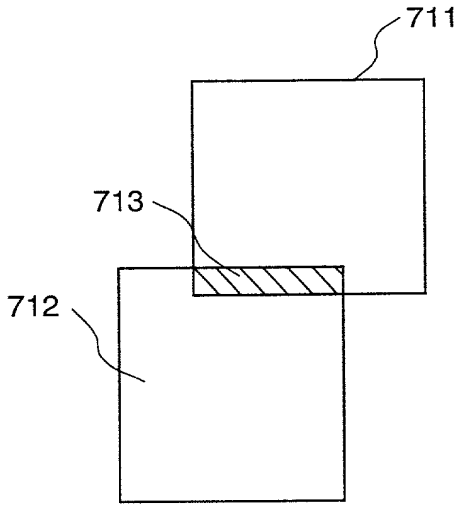


FIG. 13(d)

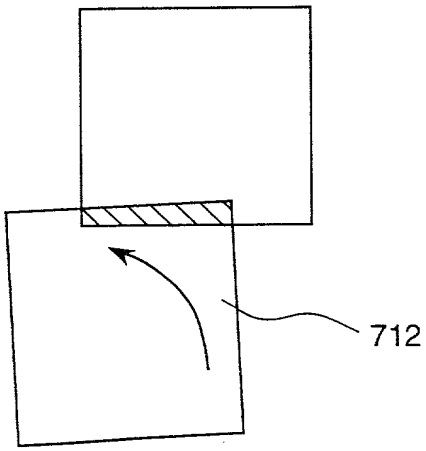
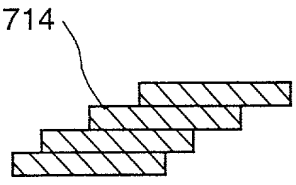


FIG. 13(e)



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